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(54) **Airfoil with feature against flow separation, corresponding gas turbine engine and operating method**

(57) An example airfoil assembly includes a base (60) having an airfoil (54) projecting radially therefrom. The base (60) extends laterally away from the airfoil (54). The airfoil (54) extends axially from an airfoil leading edge

portion (62) to an airfoil trailing edge portion (66). The base (60) has a humped area (74) forward the airfoil leading edge portion (62).

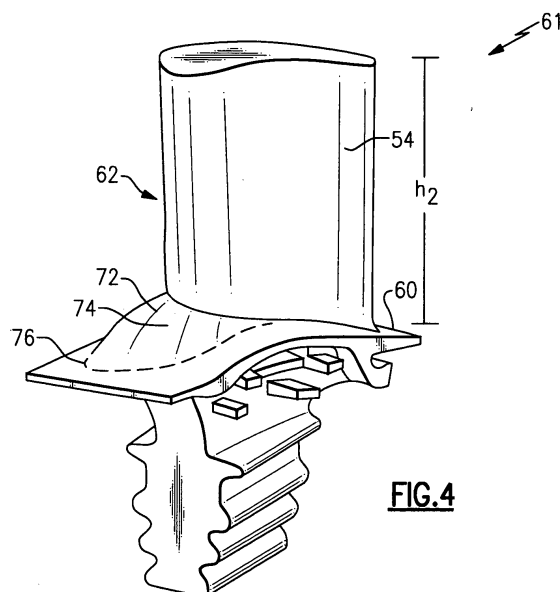


FIG.4

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EUROPEAN SEARCH REPORT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
			F01D
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 9 May 2014	Examiner Raspo, Fabrice
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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